

ASAM OSI 4.0 Proposal Workshop - Focus: FlatBuffers and Performance

Jan. 18, 2022

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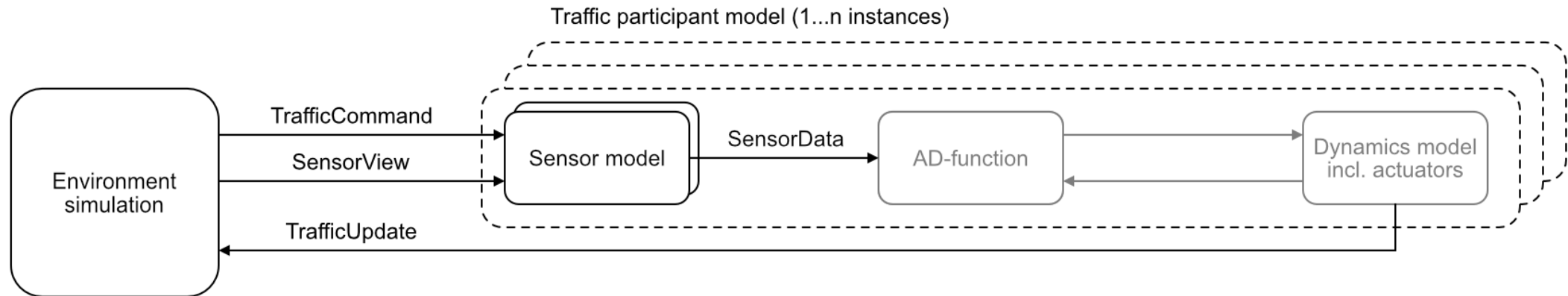


Toward ASAM OSI v4.0

- Road-Model working group is meeting on a regular basis to further discuss the use-cases and potential improvements or need of a new OSI road model.
- Fork available on a new Environmental model, including harmonization with OpenX.
- Traffic Agent Update.
- Lidar and Radar SensorView update (output from SetLevel).
- Lidar and Radar SensorViewConfiguration update (output from SetLevel).

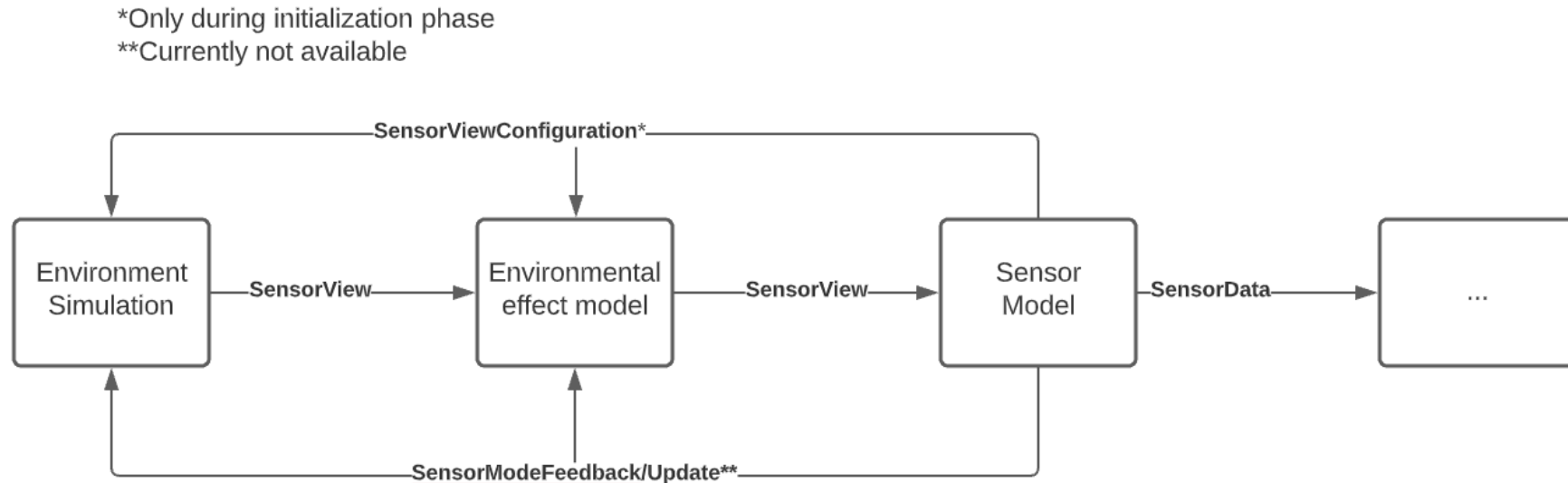
/ Toward ASAM OSI v4.0

- Traffic participant models may use other OSI interfaces internally, for example, to model autonomous vehicles. The following figure shows a more advanced use case for traffic participants.



/ Toward ASAM OSI v4.0

- Sensor Models Feedback Control – **Draft**



SensorModeFeedback/Update:

A feedback control message from the sensor model to the environment simulation or environmental effect model to update the sensor view, e.g. exposure-time, ROI, resolution, etc..

Performance/FlatBuffers RoadMdel

Pierre Mai (PMSF)

